

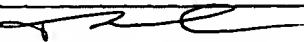
FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NDTCO.002A	APPLICATION NO. Unknown
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Michiharu Yamamoto, et al.	
		FILING DATE Herewith	GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
							YES	NO	
TSK	1.	07-318992	12/08/05	Japan	—	—	abstract	—	
TSK	2.	10-33395	12/18/08	Japan			abstract		
1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)								
TSK	3.	K. Tamura, et al., New polymeric material containing the tricyanovinylcarbazole group for photorefractive applications, Appl. Phys. Lett. 60(15), 13 April 1992, pp. 1803-1805							
TSK	4.	T. Kawakami, et al., Photoinduced refractive index change in a photoconductive electro-optic polymer, Appl. Phys. Lett. 62 (18), 3 May 1993, pp. 2167-2169							
TSK	5.	K. Meerholz, et al. A photorefractive polymer with high optical gain and diffraction efficiency near 100%, Nature Vol 371, 6 October 1994, pp. 497-500							
TSK	6.	Hisaya Sato, et al., Synthesis and Characterization of Photorefractive Polymeric Material with high Charge Mobility, Technical Report of IEICB (10005-10), pp. 43-45							
TSK	7.	David Van Steenwinckel, et al., Fully Functionalized Photorefractive Polymethacrylates with net Gain at 780 nm, Macromolecules, Vol. 33, No. 11, 2000, pp. 4074-4079							
TSK	8.	IN KYU MOON, et al., Highly Efficient Photorefractive System Based on Carbazole-Substituted Poly (Siloxane), Mol. Cryst. Liq. Cryst. 2000 Vol 349, pp 43-46							
TSK	9.	R. Twieg, et al., RECENT PROGRESS ON PHOTOREFRACTIVE CHROMOPHORES AND POLYMERS, IBM Research Division Almaden Research Laboratory, San Jose, CA 95120, pp. 164-165							

H:\DOCS\KOA\KOA-8723.DOC
090803

EXAMINER 	DATE CONSIDERED 8.04.2005
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 809; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

APPLICATION NO.
10/858.307

(USE SEVERAL SHEETS IF NECESSARY)

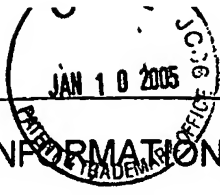
GROUP
Unknown

[illegible][illegible]

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
I	I	/
		/

B.9-2003

***EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.**



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Multiple sheets used when necessary)	Application No.	10/658,307
	Filing Date	September 9, 2003
	First Named Inventor	Michiharu YAMAMOTO
	Art Unit	1712
SHEET 1 OF 1		Examiner Timothy J. Kugel
		Attorney Docket No. NDTCO.022A

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
TJK	1.	6,534,198 B1	03/18/03	Kazunori UENO, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
TJK	2.	Woong Sang Jahng, et al., Synthesis and Characterization of Hole-transport Materials in Polysiloxane, MOLECULAR CRYSTALS AND LIQUID CRYSTALS GORDON & BREACH SWITZERLAND, VOL. 377, 2002, PAGES 329-332, XP008039101, ISSN: 1058-725X, 2-24, Whole document	—
TJK	3.	Daniel Wright, et al., Photorefractive Properties of Poly (siloxane)-triarylamine-Based Composites for High-Speed Applications, J. Phys. Chem. B 2003, vol. 107, No. 20, pages 4732-4737, 1-24, Whole document	—

H:\DOCS\KOA\KOA-6654.DOC
010405

Examiner Signature	Date Considered 8-4-2005
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

T¹ - Place a check mark in this area when an English language Translation is attached.